



Johns-Manville

Rock Wool Home Insulation

Residential Pipe and Boiler Insulations

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**Johns-Manville
District Offices4**

For New Structures: SUPER-FELT ROCK WOOL BATTs

Johns-Manville Super-Felt* Home Insulation is made in the handy batt form for insulating new structures and easily accessible areas of existing structures. Super-Felt is manufactured to a uniform density throughout. Thin spots and heat-leaking voids are eliminated. When Ful-Thik batts are installed in sidewalls and over ceilings, benefits of fuel savings up to 30 percent in winter, and rooms up to 15°F cooler in summer are possible with this factory prefabricated, fireproof, permanent insulation.

Super-Felt Rock Wool is offered in standard batt form because experience shows that this type of unit is much more convenient to handle and install. It is manufactured in widths to fit snugly between standard framing and in lengths which require a minimum of on-the-job cutting. Super-Felt is much stronger than ordinary batts, far more resilient and has greater uniformity.

Each batt has a vapor-seal backing paper with extended flanges, which are also vapor-resistant, for over-lapping at the framing members. The vapor-seal backing paper is to protect against passage of abnormal humidity, that may be present in the house, into the structure.

The batts are installed with the paper backing toward the inside (warm side in winter). The paper laps on Ful-Thik* batts are tacked or stapled to the face of studs or rafters. Paper laps on Semi-Thik* batts (or where framing exceeds 4" when Ful-Thik batts are used) are turned out on the sides and fastened.

Between ceiling joists, Super-Felt is laid paper side down on the lath or plaster base (the warm side in winter). Application instructions are included in each package. For further details about Super-Felt, write your nearest Johns-Manville office.

*Reg. U. S. Pat. Off.

Application



Super-Felt won't settle. It is so strong it will stand alone. When applied, it stays securely in place.



Clean, sharp cuts to fit irregular spaces are quickly and easily made in Super-Felt with a knife or saw.



Made of rock wool, a mineral, Super-Felt is fireproof and inorganic . . . permanent as the structure it insulates.



Super-Felt is quick and easy to install, fits tightly, and provides maximum insulating value and year round comfort.

Standard Sizes

Super-Felt batts are furnished Ful-Thik for average wall stud thickness, and Semi-Thik with an average thickness of

2". Sizes, packaging and coverage of both Ful-Thik and Semi-Thik batts are given in the following table.

SIZES, PACKAGING, COVERAGE AND WEIGHT*							
Thickness Designation	Size, in.	Batts per package	Net area, sq ft	Thickness Designation	Size, in.	Batts per package	Net area, sq ft
Ful-Thik	15 x 24	16	40.00	Semi-Thik	15 x 24	24	60.00
	15 x 48	8	40.00		15 x 48	12	60.00
	19 x 24	16	50.67		19 x 24	24	76.00
	19 x 48	8	50.67		19 x 48	12	76.00
	23 x 24	16	61.33		23 x 24	24	92.00
	23 x 48	8	61.33		23 x 48	12	92.00

*Average shipping weight, Ful-Thik, 1145 lb per 1000 sq ft.

For Existing Structures: BLOWN ROCK WOOL INSULATION, Type A

Over 1,000,000 homes have been insulated with Johns-Manville Rock-Wool Home Insulation. This permanent material surrounds the living areas of the structure with a rot-proof, fireproof insulation which makes possible fuel savings up to 30 percent in winter and helps keep rooms up to 15°F cooler in summer.

For the most part, Type A Rock Wool is blown in from the outside, with a minimum of litter, dust and disturbance. Usual home activities continue without interruption, and shrubs, trees and lawns are unharmed. The machine for blowing the Rock Wool is mounted in the applicator's truck.

J-M Type A Rock Wool is blown pneumatically and reaches all the hollow spaces. The uniform fill (about 5 to 8 lb per cu ft) assures maximum thermal efficiency.

Because proper installation of Blown Rock Wool Insulation is so important, this responsibility is entrusted only to Johns-Manville Installation Units or to Johns-Manville Franchised Home Insulation Contractors. In either case, the applicators are well-trained and fully experienced.

This method is the only practical way of insulating houses already built, whether the exterior is of wood, stucco or brick veneer.

J-M Blown Home Insulation, as installed pneumatically by skilled crews, 1. Will not settle; 2. Adds protection against fire; 3. Saves fuel; 4. Increases livability throughout the year; 5. Provides a permanent improvement to the property; and 6. Offers the property owner a substantial return on his investment.

Application



Openings are made near the top of wall panels and the nozzle of the hose from the blowing machine is inserted for blowing in Johns-Manville Rock Wool.



After the Johns-Manville Rock Wool Insulation has been installed, the siding material removed from the exterior of the house for access is carefully replaced.



Blowing Johns-Manville Rock Wool between the joists of an unfloored attic contributes materially to the comfort of the rooms in the lower part of the house.



In a floored attic, sufficient boards are removed to assure access to the entire area to be insulated, and these boards are replaced after insulating.



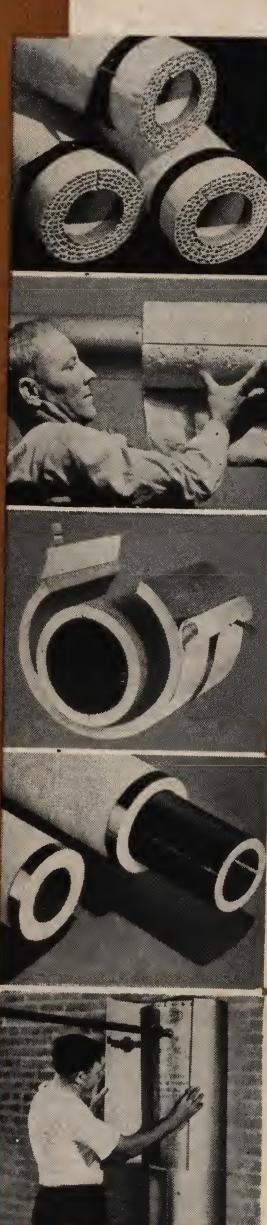
Johns-Manville pioneered in the development of Home Insulation and is the recognized leader in this field today. J-M Applicators are well-trained and fully experienced.

RESIDENTIAL PIPE AND BOILER INSULATIONS

Research is the cornerstone of Johns-Manville Insulation Service . . . and the J-M Research Laboratory — largest of its kind in the world — is continually progressing in the development of more efficient insulations for all conditions.

Johns-Manville residential pipe and boiler insulations are important members of the J-M family of insulations, which have been developed for every kind of equipment throughout the entire field of domestic and industrial processes where temperatures range from sub-zero to plus 3000F and more.

The five insulations described at the right are recommended for their thermal efficiency, durability and economy. Additional Johns-Manville Insulations include Zero Pipe Covering to retard freezing in exposed pipes; Insulating Cements; Asbestos Millboard; Furnace Cement; and Insulating Fire Brick for domestic oil burners. Write your nearest Johns-Manville office for complete information.



Pre-Shrunk Asbestocel*

Cellular type insulation for residential steam and hot water heating lines. Made of alternate layers of plain and corrugated asbestos felts. Three finishes: Glazed White, will not carry flames; Asbestos-Covered High-Speed Finish; and Regular Canvas-Covered Finish. Comes in 3-ft sections; 2 to 8 plies ($\frac{1}{4}$ " per ply) thick.

J-M 85% Magnesia

The quality insulation of the moulded type for residential heating systems. Made from basic carbonate of magnesia and asbestos. Pipe Insulation: 3-ft lengths; Standard, $1\frac{1}{2}$ ", 2", $2\frac{1}{2}$ ", Double Standard and 3" (double layer) thicknesses. Blocks: 18" and 36"-lengths; 3", 6", 9" and 12"-widths; 1" through 4" thick.

Pre-Shrunk Wool Felt

Specially indented, moisture-resisting wool felt insulation for residential hot and cold water service lines. Promotes quicker delivery of water at desired temperatures. Furnished in 3-ft sections; in $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", Double $\frac{1}{2}$ " and Double $\frac{3}{4}$ "-thicknesses for all standard pipe sizes from $\frac{1}{2}$ " and up.

Anti-Sweat

A superior insulation made from pre-shrunk insulating felts and moisture-resisting felts. Used on cold water lines to keep pipes cold and to prevent condensation and resultant damage from dripping. Thickness required depends upon temperature of the pipe and surrounding air, and the humidity. Submit details for recommendations.

Asbestocel* Range Boiler Jackets

Made of moisture-resistant asbestos felts; highly effective in keeping hot water hot. Supplied with fire-proof Glazed White or plain asbestos finish, which may be painted if desired, in standard 3-ply (about $\frac{1}{4}$ " per ply) construction to fit boilers of 30, 40, 52, 66, 82 and 100-gal capacities. Other sizes available.

*Reg. U. S. Pat. Off.



Johns-Manville

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